



MENU

DIRECT-PUSH SAMPLERS

26 February 2021

PPI – BEST QUALITY FIXED PISTON SAMPLER



Our flagship sampler. This takes 63 or 75mm diameter samples about 800mm long that are arguably as close to undisturbed as you can get by any means other than research-level block sampling.

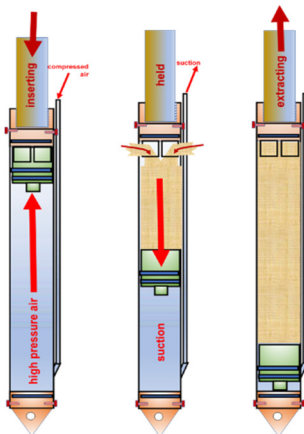
This sampler is used in very soft to firm cohesive soils; typically it is used for sampling for high quality laboratory strength and compressibility testing.

VERTEK & RANGER PISTON SAMPLERS



Our Vertek Ranger Samplers are floating piston devices that can take samples in almost any soil type. Diameters: 35mm, 46mm, 66mm. Samples can be tubed or bagged.

LITTLE SUCKER AND BIG SUCKER



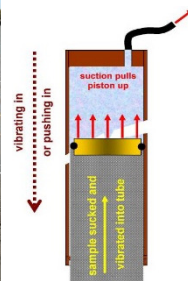
These samplers are used with 100% success to discretely sample "ooze"-like and liquid sediments and tailings materials.

The Big Sucker takes two samples at once, 1m apart vertically.

VIBRACORE



Our vibracoring system is enhanced by using a floating piston to keep the tube closed during insertion then to help retain the sample by a positive suction on withdrawal.



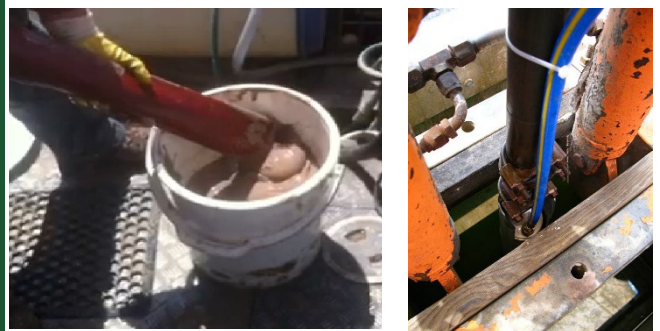
WINDOW SAMPLER



Our "crudest" sampler. Window Samplers can be used to (a) take samples of coarse and gravelly material (eg rail ballast and subgrade), or (b) to pre-core through a stiff surface layer to allow other testing and sampling below.

Telescoping design, 85mm and 95mm diameter.

BULK SEDIMENT (BS) SAMPLER



Our BS Sampler is used to air lift "ooze-like" samples (eg semi-liquid tailings) from any specific depth. Very large bulk samples can be taken, that are not water-diluted.

In addition to the testing outlined above, we also offer a comprehensive range of in situ testing services and we install standpipes and piezometers, and . Our in situ testing methods are summarised on a separate Menu Sheet.